



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**Declaration  
Submitted  
With Initial  
Filing

OR

Declaration  
Submitted after Initial  
Filing (surcharge  
(37 CFR 1.16 (e))  
required)

Attorney Docket Number	555255012689
First Named Inventor	Nicholas P. Alfano
COMPLETE IF KNOWN	
Application Number	10/762,957
Filing Date	01/22/2004
Art Unit	2681
Examiner Name	

**I hereby declare that:**

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHODS AND APPARATUS FOR RE-ESTABLISHING COMMUNICATION FOR A  
WIRELESS COMMUNICATION DEVICE AFTER A COMMUNICATION LOSS IN A  
WIRELESS COMMUNICATION NETWORK***(Title of the Invention)*

the specification of which



is attached hereto

OR



was filed on (MM/DD/YYYY)

01/22/2004

as United States Application Number or PCT International

Application Number

10/762,957

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

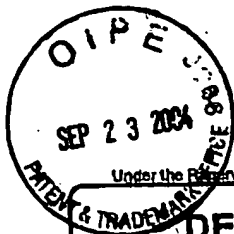
Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				Yes	No
PCT/CA03/00092	WO	01/23/2003	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PTO/SB/01 (08-03)

Approved for use through 07/31/2003. OMB 0851-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**DECLARATION — Utility or Design Patent Application**Direct all correspondence to: ☐ Customer Number:  OR ☒ Correspondence address below

Name

David B. Cochran, Esq.

Address

JONES DAY - North Point, 901 Lakeside Avenue

City

Cleveland

State

Ohio

ZIP

44114-1190

Country

U.S.A.

Telephone

216-586-3939

Fax

216-579-0212

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name

(first and middle [if any])

Nicholas P.

Family Name

or Surname

Alfano

Inventor's  
Signature*Nicholas P. Alfano*

Date

*July 26, 2004*

Residence: City

Vancouver

State

British Columbia

Country

Canada

Citizenship

Canadian

Mailing Address

295 Phillip Street

City

Waterloo

State

Ontario

ZIP

N2L 3W8

Country

Canada

NAME OF SECOND INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name

(first and middle [if any])

Noushad

Family Name

or Surname

Naqvi

Inventor's  
Signature

Date

Residence: City

Waterloo

State

Ontario

Country

Canada

Citizenship

Canadian

Mailing Address

295 Phillip Street

City

Waterloo

State

Ontario

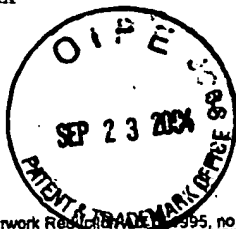
ZIP

N2L 3W8

Country

Canada

☒ Additional inventors or a legal representative are being named on the 2 supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.



PTO/SB/01 (08-03)

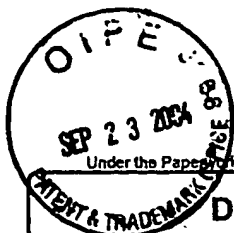
Approved for use through 07/31/2003. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Project (09-95), no persons are required to respond to a collection of information unless it contains a valid OMB control number.

## DECLARATION — Utility or Design Patent Application

Direct all correspondence to: <input type="checkbox"/> Customer Number: <input type="text"/>		OR <input checked="" type="checkbox"/> Correspondence address below	
Name David B. Cochran, Esq.			
Address JONES DAY - North Point, 901 Lakeside Avenue			
City Cleveland	State Ohio	ZIP 44114-1190	
Country U.S.A.	Telephone 216-586-3939	Fax 216-579-0212	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.			
NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) Nicholas P.		Family Name or Surname Alfano	
Inventor's Signature			Date
Residence: City Vancouver	State British Columbia	Country Canada	Citizenship Canadian
Mailing Address 295 Phillip Street			
City Waterloo	State Ontario	ZIP N2L 3W8	Country Canada
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) Noushad		Family Name or Surname Naqvi	
Inventor's Signature			Date 15th Sep 2004
Residence: City Waterloo	State Ontario	Country Canada	Citizenship Canadian
Mailing Address 295 Phillip Street			
City Waterloo	State Ontario	ZIP N2L 3W8	Country Canada
<input checked="" type="checkbox"/> Additional Inventors or a legal representative are being named on the 2 supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.			



PTO/SB/02A (08-03)

Approved for use through 08/31/2003. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**DECLARATION****ADDITIONAL INVENTOR(S)**  
Supplemental SheetPage 1 of 2

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Sarmad K.		Musa	
Inventor's Signature <i>[Signature]</i>		Date <i>Sep 14, 2004</i>	
Residence: City <i>Waterloo</i>	State <i>Ontario</i>	Country <i>Canada</i>	Citizenship <i>Canadian</i>
Mailing Address			
<i>295 Phillip Street 3880 Duke of York Blvd, #405</i>			
City <i>Waterloo</i>	State <i>Ontario</i>	Zip <i>L5B 4M3</i>	Country <i>Canada</i>
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Bryan		Taylor	
Inventor's Signature		Date	
Residence: City <i>Kitchener</i>	State <i>Ontario</i>	Country <i>Canada</i>	Citizenship <i>Canadian</i>
Mailing Address <i>295 Phillip Street</i>			
Mailing Address			
City <i>Waterloo</i>	State <i>Ontario</i>	Zip <i>N2L 3W8</i>	Country <i>Canada</i>
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Craig A.		Dunk	
Inventor's Signature		Date	
Residence: City <i>Guelph</i>	State <i>Ontario</i>	Country <i>Canada</i>	Citizenship <i>Canadian</i>
Mailing Address <i>295 Phillip Street</i>			
Mailing Address			
City <i>Waterloo</i>	State <i>Ontario</i>	Zip <i>N2L 3W8</i>	Country <i>Canada</i>

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/02A (08-03)

Approved for use through 08/31/2003. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>DECLARATION</b>	<b>ADDITIONAL INVENTOR(S)</b> Supplemental Sheet
Page <u>1</u> of <u>2</u>	

<b>Name of Additional Joint Inventor, If any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (If any))		Family Name or Surname	
Sarmad K.		Musa	
Inventor's Signature		Date	
Residence: City	Waterloo	State	Ontario
		Country	Canada
Citizenship Canadian			
Mailing Address			
295 Phillip Street			
City	Waterloo	State	Ontario
		Zip	N2L 3W8
		Country	Canada
<b>Name of Additional Joint Inventor, If any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (If any))		Family Name or Surname	
Bryan		Taylor	
Inventor's Signature		Date	
<i>[Signature]</i>		Aug. 4. 2004	
Residence: City	Kitchener	State	Ontario
		Country	Canada
Citizenship Canadian			
Mailing Address			
295 Phillip Street			
Mailing Address			
City	Waterloo	State	Ontario
		Zip	N2L 3W8
		Country	Canada
<b>Name of Additional Joint Inventor, If any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Craig A.		Dunk	
Inventor's Signature		Date	
Residence: City	Guelph	State	Ontario
		Country	Canada
Citizenship Canadian			
Mailing Address			
295 Phillip Street			
Mailing Address			
City	Waterloo	State	Ontario
		Zip	N2L 3W8
		Country	Canada

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.83. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/02A (08-03)

Approved for use through 08/31/2003. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**DECLARATION****ADDITIONAL INVENTOR(S)**

Supplemental Sheet

Page 1 of 2

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Sarmad K.		Musa	
Inventor's Signature		Date	
Residence: City	Waterloo	State	Ontario
Country	Canada	Citizenship	Canadian
Mailing Address			
295 Phillip Street			
City	Waterloo	State	Ontario
Zip	N2L 3W8	Country	Canada
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Bryan		Taylor	
Inventor's Signature		Date	
Residence: City	Kitchener	State	Ontario
Country	Canada	Citizenship	Canadian
Mailing Address			
295 Phillip Street			
City	Waterloo	State	Ontario
Zip	N2L 3W8	Country	Canada
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Craig A.		Dunk	
Inventor's Signature <i>Craig Dunk</i>		Date <i>2004 08 25</i>	
Residence: City	Guelph	State	Ontario
Country	Canada	Citizenship	Canadian
Mailing Address			
295 Phillip Street			
City	Waterloo	State	Ontario
Zip	N2L 3W8	Country	Canada

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/02A (08-03)

Approved for use through 08/31/2003. OMB 0851-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>DECLARATION</b>	<b>ADDITIONAL INVENTOR(S)</b> Supplemental Sheet
Page <u>2</u> of <u>2</u>	

Name of Additional Joint Inventor, if any: *		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Atul		Asthana	
Inventor's Signature		Date <u>July 28, 2004</u>	
Residence: City	Unionville	State	Ontario
		Country	Canada
Citizenship Canadian			
Mailing Address			
295 Phillip Street			
Mailing Address			
City	Waterloo	State	Ontario
		Zip	N2L 3W8
		Country	Canada
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Adrian		Buckley	
Inventor's Signature		Date	
Residence: City	Brentwood	State	California
		Country	United States
Citizenship British			
Mailing Address			
295 Phillip Street			
Mailing Address			
City	Waterloo	State	Ontario
		Zip	N2L 3W8
		Country	Canada
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature		Date	
Residence: City		State	
		Country	
Citizenship			
Mailing Address			
Mailing Address			
City		State	
		Zip	
		Country	

This collection of information is required by 35 U.S.C. 116 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



## DECLARATION

## ADDITIONAL INVENTOR(S)

Supplemental Sheet

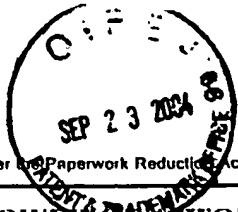
Page 2 of 2

Name of Additional Joint Inventor, If any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Atul		Asthana	
Inventor's Signature		Date	
Residence: City	Unionville	State	Ontario
		Country	Canada
		Citizenship	Canadian
Mailing Address			
295 Phillip Street			
Mailing Address			
City	Waterloo	State	Ontario
		Zip	N2L 3W8
		Country	Canada
Name of Additional Joint Inventor, If any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Adrian		Buckley	
Inventor's Signature		Date	
		26 July 04	
Residence: City	Brentwood	State	California
		Country	United States
		Citizenship	British
Mailing Address			
295 Phillip Street			
Mailing Address			
City	Waterloo	State	Ontario
		Zip	N2L 3W8
		Country	Canada
Name of Additional Joint Inventor, If any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature		Date	
Residence: City		State	
		Country	
		Citizenship	
Mailing Address			
Mailing Address			
City		State	
		Zip	
		Country	

This collection of information is required by 35 U.S.C. 116 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-788-9199) and select option 2.



**POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO**

I hereby appoint:



Practitioners associated with the Customer Number:

24325

OR



Practitioner(s) named below (If more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

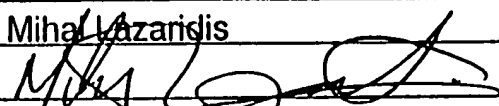
Assignee Name and Address:

Research In Motion Limited  
295 Phillip Street  
Waterloo, Ontario, Canada N2L 3W8

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

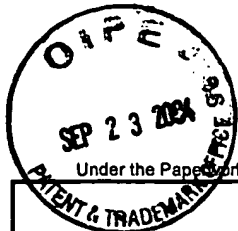
**SIGNATURE of Assignee of Record**

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Name	Mihai Lazaridis	Date	JAN 16, 2004
Signature		Telephone	519-888-7465
Title	President & Co-CEO		

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Nicholas P. Alfano; Noushad Naqvi; Sarmad K. Musa; Bryan Taylor; Craig A. Dunk; Atul Asthana; Adrian BuckleyApplication No./Patent No.: 10/762,957 Filed/Issue Date: 01/22/2004Entitled: METHODS AND APPARATUS FOR RE-ESTABLISHING COMMUNICATION FOR A WIRELESS COMMUNICATION DEVICE AFTER A COMMUNICATION LOSS IN A WIRELESS COMMUNICATION NETWORKResearch In Motion Limited, a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or2. ☐ an assignee of less than the entire right, title and interest.The extent (by percentage) of its ownership interest is \_\_\_\_\_ %  
in the patent application/patent identified above by virtue of either:A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.☐ Additional documents in the chain of title are listed on a supplemental sheet.☐ Copies of assignments or other documents in the chain of title are attached.

(NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08)

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

9/21/04  
Date216-586-3939

Telephone number

David B. CochranTyped or printed name  
David Cochran  
SignatureAttorney (Agent) for Assignee

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE, (hereinafter referred to as the "ASSIGNOR(S)"):

Nicholas P. Alfano, 3424 West 6th Ave., Vancouver, British Columbia V6R 1T3 CANADA

Noushad Naqvi, 617 Yarmouth Dr., Waterloo, Ontario N2K 4C1 CANADA

Sarmad K. Musa, ~~187 Pheland Court, Waterloo, Ontario N2T 2T2 CANADA~~

Bryan Taylor, 30 Sunbridge Crescent, Kitchener, Ontario N2K 1T3 CANADA

Craig A. Dunk, 23 Grey Oak Drive, Guelph, Ontario N1L 1P2 CANADA

Atul Asthana, 4 Renata Place, Unionville, Ontario L3R 2Y1 CANADA

Adrian Buckley, 990 Woodsong Lane, Brentwood, California 94513-2924 USA CANADA

has/have invented certain new and useful improvements in an invention entitled

**METHODS AND APPARATUS FOR RE-ESTABLISHING COMMUNICATION FOR A  
WIRELESS COMMUNICATION DEVICE AFTER A COMMUNICATION LOSS IN A  
WIRELESS COMMUNICATION NETWORK**

for which an application for United States Letters Patent was filed on January 22, 2004 (Application No. 10/762,957), and as further identified by Docket No. 555255-012-689 and RIM No. PUS-0663; and

WHEREAS, **RESEARCH IN MOTION LIMITED**, (hereinafter referred to as the "ASSIGNEE"), a corporation organized under the laws of the Province of Ontario, CANADA, having a place of business at 295 Phillip Street, Waterloo, Ontario, CANADA, N2L 3W8, is desirous of acquiring the full and exclusive right, title and interest in and to said application inclusive of any and all priority rights derived therefrom and the inventions therein disclosed, and in and to all Letters Patent, both United States and foreign, to be granted for said inventions;

NOW, THEREFORE, for a valuable consideration, the receipt whereof is hereby acknowledged, I/WE, ASSIGNOR(S) does/do hereby confirm sale, assignment, transfer, and set over, and hereby sell, assign, transfer, and set over unto the ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest in and to the aforesaid application for United States Letters Patent inclusive of any and all priority rights derived therefrom, and the inventions therein disclosed, and in and to all Letters Patent and issues thereof which may be granted upon said application and in and to all Letters Patent which may be issued upon any substitutes, divisions, or continuations of said application, and in and to any and all Letters Patent which may be granted for said inventions in any foreign country or countries; the same to be held and enjoyed by the ASSIGNEE for its own use and behoof, and for the use and behoof of its successors and assigns, to the full end of the term or terms for which said Letters Patent and reissues thereof may be granted as fully and entirely as the same would have been held and enjoyed by me (us) had this assignment and sale not been made;

AND I/WE, ASSIGNOR(S) hereby agrees/agree to execute, upon request, any and all further papers which may be necessary or desirable to enable the ASSIGNEE, its successors and assigns, to file and prosecute said application, and any and all substitutes, divisions, or continuations thereof, and any and all reissues of the Letters Patent granted upon said application, or upon any substitutes, divisions, or continuations thereof, and any and all applications for foreign Letters Patent on said inventions; and ASSIGNOR(S) further agrees/agree to execute any and all further papers which may be necessary or

desirable to vest or perfect the title of ASSIGNEE, its successors and assigns, in and to said application and the inventions therein disclosed, and in and to any and all Letters Patent and reissues thereof, both United States and foreign, which may be granted upon said application, and any substitutes, divisions, or continuations thereof, and upon any foreign applications.

AND I/WE, ASSIGNOR(S) hereby authorizes/authorize and requests/request The Commissioner of Patents to issue each and every Letters Patent to be granted upon the aforesaid application for United States Letters Patent, and upon any and all substitutes, divisions, and continuations of said application, and each and every reissue of said Letters Patent, to the ASSIGNEE, its successors and assigns, as the assignee of the entire right, title and interest therein, in accordance with this assignment.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

Date: July 26, 2004 Nicholas P. Alfano  
Nicholas P. Alfano  
3424 West 6th Ave.  
Vancouver, British Columbia V6R 1T3  
CANADA

STATEMENT BY WITNESS

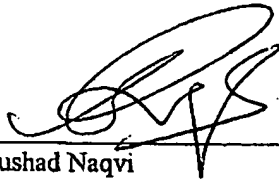
I Barney Woodward, whose full Post Office address is  
#203-3595 West 26th Ave. Vancouver, B.C. V6S 1W8.  
(Address of Witness)

hereby declare that I was personally present and did see the above named person, personally known to me to be the person named in the assignment, duly sign and execute the same.

Date: July 26, 2004 B Woodward.  
(Signature of Witness)

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

Date: 23<sup>rd</sup> Aug 2004

  
\_\_\_\_\_  
Noushad Naqvi  
617 Yarmouth Dr.  
Waterloo, Ontario N2K 4C1  
CANADA

STATEMENT BY WITNESS


I, LARA SWIFT, whose full Post Office address is

85 DAIRY DRIVE ACTON, ONTARIO

(Address of Witness)

hereby declare that I was personally present and did see the above named person, personally known to me to be the person named in the assignment, duly sign and execute the same.

Date: 23<sup>rd</sup> August 2004

  
\_\_\_\_\_  
(Signature of Witness)

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

Date: September 14, 2004

S. Musa

SKM Sarmad K. Musa  
~~187 Pinland Court~~ 3880 DUKE OF YORK BLVD, #405  
 Sep 14, 2004 Waterloo, Ontario N2T 2T2 Mississauga, Ontario  
 CANADA L5B 4M7  
 CANADA

STATEMENT BY WITNESS

I, Tracey Musa, whose full Post Office address is

405 - 3880 Duke of York Blvd, Mississauga, Ont L5B 4M7  
 (Address of Witness)


hereby declare that I was personally present and did see the above named person, personally known to me to be the person named in the assignment, duly sign and execute the same.

Date: September 14, 2004

[Signature]  
 (Signature of Witness)

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

Date: Aug. 4. 2004

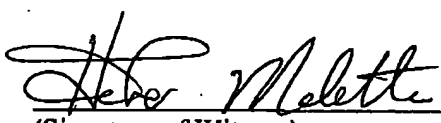
  
Bryan Taylor  
30 Sunbridge Crescent  
Kitchener, Ontario N2K 1T3  
CANADA

STATEMENT BY WITNESS

I, Heather Mallette, whose full Post Office address is

401 Springbank Ave, N-Unit 3, Woodstock, Ontario, N4T 1P9  
(Address of Witness)

hereby declare that I was personally present and did see the above named person, personally known to me to be the person named in the assignment, duly sign and execute the same.

Date: 4 Aug 2004 |   
(Signature of Witness)

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

Date: 2004 08 25 Craig A. Dunk  
Craig A. Dunk  
23 Grey Oak Drive  
Guelph, Ontario N1L 1P2  
CANADA

STATEMENT BY WITNESS

I, Brian Oliver, whose full Post Office address is

3 Regina St N #206, WATERLOO ON N2S 2E7  
(Address of Witness)

hereby declare that I was personally present and did see the above named person, personally known to me to be the person named in the assignment, duly sign and execute the same.

Date: 25-Aug-04

Brian Oliver  
(Signature of Witness)



IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

Date: July 26, 2004



Atul Asthana  
4 Renata Place  
Unionville, Ontario L3R 2Y1  
CANADA

STATEMENT BY WITNESS

I, Debra Wilson, whose full Post Office address is

Box 2182, 31 St John Street South, St Marys, ON N4X 1A1  
(Address of Witness)

hereby declare that I was personally present and did see the above named person, personally known to me to be the person named in the assignment, duly sign and execute the same.


Date: July 26, 2004



(Signature of Witness)

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

Date: 26 July 04

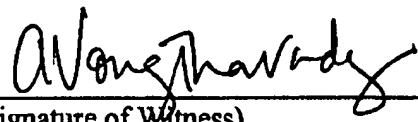
  
Adrian Buckley  
990 Woodsong Lane  
Brentwood, California 94513-2924  
USA

STATEMENT BY WITNESS

I, Amphai Vongthavady, whose full Post Office address is  
3020 El Cerrito Plaza, El Cerrito, CA 94530  
(Address of Witness)

hereby declare that I was personally present and did see the above named person, personally known to me to be the person named in the assignment, duly sign and execute the same.

Date: July 26, 2004

  
(Signature of Witness)